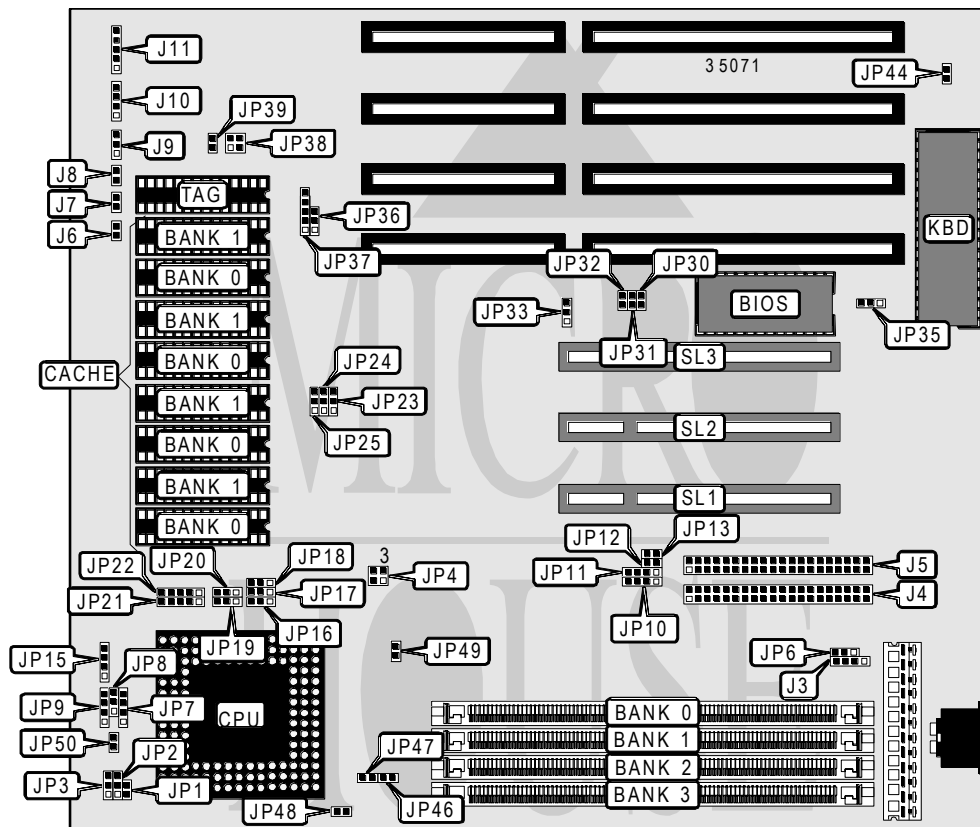


ABIT COMPUTER CORPORATION PI4/PI4T PCI

Processor	80486SX/SL80486SX/CX486M7/AM486DX/AM486DXL PLUS/80486DX/ SL80486DX2/AM486DX2/80486DX2/AM486DX4/80486DX4/P24D/Pentium Overdrive
Processor Speed	25/33/40/50(internal)/50/66(internal)/75(internal)/80(internal)/ 100(internal)MHz
Chip Set	Unidentified
Max. Onboard DRAM	128MB
Cache	128/256/512/1024KB
BIOS	AMI/Award
Dimensions	330mm x 218mm
I/O Options	32-bit PCI bus slots (3), green PC connector, IDE interfaces (2)
NPU Options	None



CONNECTIONS			
Purpose	Location	Purpose	Location
External battery	J3	Speaker	J10
IDE interface (primary)	J4	Power LED & keylock	J11
IDE interface (secondary)	J5	IDE interface LED	JP10
Green PC connector	J6	IDE interface LED	JP11
Turbo LED	J7	Green PC connector	JP38
Reset switch	J8	32-bit PCI bus slots	SL1 - SL3
Turbo switch	J9		

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í CX486S2 CPU not installed	JP1	Open
CX486S2 CPU installed	JP1	Closed
í Cache type select write back (P24D only)	JP2	pins 1 & 2 closed
Cache type select write through (P24D only)	JP2	pins 2 & 3 closed
í Cache type select write back (P24T only)	JP3	pins 1 & 2 closed
Cache type select write through (P24T only)	JP3	pins 2 & 3 closed
í Primary IDE IRQ14 enabled	JP12	Closed
Primary IDE IRQ14 disabled	JP12	Open
í Secondary IDE IRQ15 enabled	JP13	Closed
Secondary IDE IRQ15 disabled	JP13	Open
í Factory configured - do not alter	JP14	pins 2 & 3 closed
í Factory configured - do not alter	JP26	pins 2 & 3 closed
í Factory configured - do not alter	JP27	pins 2 & 3 closed
í Factory configured - do not alter	JP28	pins 2 & 3, 4 & 5 closed
í Factory configured - do not alter	JP40	pins 1 & 2 closed
í Factory configured - do not alter	JP43	pins 2 & 3 closed
í Monitor type select color	JP44	Closed
Monitor type select monochrome	JP44	Open

Note: The location of the factory configured jumpers is unidentified.

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
4MB	(1) 1M x 36	NONE	NONE	NONE
5MB	(1) 256K x 36	(1) 1M x 36	NONE	NONE
8MB	(1) 1M x 36	(1) 1M x 36	NONE	NONE
8MB	(1) 2M x 36	NONE	NONE	NONE
12MB	(1) 512K x 36	(1) 512K x 36	(1) 1M x 36	(1) 1M x 36
12MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	NONE
16MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
16MB	(1) 2M x 36	(1) 2M x 36	NONE	NONE
16MB	(1) 4M x 36	NONE	NONE	NONE
17MB	(1) 256K x 36	(1) 4M x 36	NONE	NONE
20MB	(1) 512K x 36	(1) 512K x 36	(1) 4M x 36	NONE
20MB	(1) 1M x 36	(1) 4M x 36	NONE	NONE
24MB	(1) 512K x 36	(1) 512K x 36	(1) 1M x 36	(1) 4M x 36
24MB	(1) 1M x 36	(1) 1M x 36	(1) 4M x 36	NONE
24MB	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36	NONE
32MB	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36
32MB	(1) 4M x 36	(1) 4M x 36	NONE	NONE
32MB	(1) 8M x 36	NONE	NONE	NONE
36MB	(1) 512K x 36	(1) 512K x 36	(1) 4M x 36	(1) 4M x 36
36MB	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36	NONE
36MB	(1) 1M x 36	(1) 8M x 36	NONE	NONE
40MB	(1) 1M x 36	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36

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DRAM CONFIGURATION (CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
40MB	(1) 1M x 36	(1) 1M x 36	(1) 8M x 36	NONE
48MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	NONE
48MB	(1) 4M x 36	(1) 8M x 36	NONE	NONE
64MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
64MB	(1) 16M x 36	NONE	NONE	NONE
64MB	(1) 4M x 36	(1) 4M x 36	(1) 8M x 36	NONE
64MB	(1) 8M x 36	(1) 8M x 36	NONE	NONE
65MB	(1) 256K x 36	(1) 16M x 36	NONE	NONE
68MB	(1) 1M x 36	(1) 16M x 36	NONE	NONE
68MB	(1) 1M x 36	(1) 8M x 36	(1) 8M x 36	NONE
72MB	(1) 1M x 36	(1) 1M x 36	(1) 16M x 36	NONE
72MB	(1) 1M x 36	(1) 1M x 36	(1) 8M x 36	(1) 8M x 36
80MB	(1) 4M x 36	(1) 16M x 36	NONE	NONE
80MB	(1) 4M x 36	(1) 8M x 36	(1) 8M x 36	NONE
96MB	(1) 4M x 36	(1) 4M x 36	(1) 16M x 36	NONE
96MB	(1) 4M x 36	(1) 4M x 36	(1) 8M x 36	(1) 8M x 36
96MB	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36	NONE
128MB	(1) 16M x 36	(1) 16M x 36	NONE	NONE
128MB	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36

CACHE CONFIGURATION			
Size	Bank 0	Bank 1	TAG
128KB	(4) 32K x 8	NONE	(1) 32K x 8
256KB	(4) 32K x 8	(4) 32K x 8	(1) 32K x 8
256KB	(4) 64K x 8	NONE	(1) 32K x 8
512KB	(4) 64K x 8	(4) 64K x 8	(1) 32K x 8
512KB	(4) 128K x 8	NONE	(1) 32K x 8
1MB	(4) 128K x 8	(4) 128K x 8	(1) 64K x 8

CACHE JUMPER CONFIGURATION					
Size	JP23	JP24	JP25	JP36	JP37
128KB	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2, 3 & 4
256KB	2 & 3	1 & 2	2 & 3	1 & 2	2 & 3, 4 & 5
256KB	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2, 3 & 4
512KB	2 & 3	2 & 3	2 & 3	1 & 2	2 & 3, 4 & 5
512KB	2 & 3	2 & 3	1 & 2	1 & 2	1 & 2, 3 & 4
1MB	2 & 3	2 & 3	2 & 3	1 & 2	2 & 3, 4 & 5

Note: Pins designated should be in the closed position.

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CPU TYPE CONFIGURATION					
Type	JP4	JP7	JP8	JP9	JP15
80486SX	1 & 2, 3 & 4	Open	Open	2 & 3	Open
SL80486SX	1 & 2, 3 & 4	3 & 4	Open	2 & 3	Open
CX486M7 (3v)	Open	2 & 3	2 & 3	1 & 2, 3 & 4	3 & 4
CX486M7 (5v)	1 & 2, 3 & 4	2 & 3	2 & 3	1 & 2, 3 & 4	3 & 4
AM486DX/DX2 (5v)	1 & 2, 3 & 4	Open	Open	1 & 2, 3 & 4	3 & 4
AM486DX2/DX4 (3v)	Open	Open	Open	1 & 2, 3 & 4	3 & 4
AM486DXL PLUS	1 & 2, 3 & 4	3 & 4	Open	1 & 2, 3 & 4	3 & 4
80486DX/DX2	1 & 2, 3 & 4	Open	Open	1 & 2, 3 & 4	3 & 4
SL80486DX/DX2	1 & 2, 3 & 4	3 & 4	Open	1 & 2, 3 & 4	3 & 4
80486DX4	Open	3 & 4	Open	1 & 2, 3 & 4	3 & 4
P24D	1 & 2, 3 & 4	1 & 2, 3 & 4	Open	1 & 2, 3 & 4	3 & 4
P24T	1 & 2, 3 & 4	3 & 4	1 & 2	1 & 2, 3 & 4	2 & 3

Note: Pins designated should be in the closed position.

CPU TYPE CONFIGURATION (CON'T)				
Type	JP16	JP17	JP18	JP19
80486SX	2 & 3	Open	Open	Open
SL80486SX	2 & 3	Open	1 & 2	Open
CX486M7 (3v)	1 & 2	Open	1 & 2	Open
CX486M7 (5v)	1 & 2	Open	1 & 2	Open
AM486DX/DX2 (5v)	Open	Open	Open	Open
AM486DX2/DX4 (3v)	Open	Open	Open	Open
AM486DXL PLUS	2 & 3	Open	1 & 2	2 & 3
80486DX/DX2	2 & 3	Open	Open	Open
SL80486DX/DX2	2 & 3	Open	1 & 2	Open
80486DX4	2 & 3	Open	1 & 2	Open
P24D	1 & 2	1 & 2	1 & 2	1 & 2
P24T	1 & 2	1 & 2	1 & 2	Open

Note: Pins designated should be in the closed position.

CPU TYPE CONFIGURATION (CON'T)				
Type	JP20	JP21	JP22	JP39
80486SX	Open	Open	Open	1 & 2
SL80486SX	2 & 3	1 & 2	4 & 5	1 & 2
CX486M7 (3v)	1 & 2	Open	2 & 3	1 & 2
CX486M7 (5v)	1 & 2	Open	2 & 3	1 & 2
AM486DX/DX2 (5v)	Open	Open	Open	1 & 2
AM486DX2/DX4 (3v)	Open	Open	Open	1 & 2
AM486DXL PLUS	2 & 3	4 & 5	4 & 5	1 & 2
80486DX/DX2	Open	Open	Open	1 & 2
SL80486DX/DX2	2 & 3	1 & 2	4 & 5	1 & 2
80486DX4	2 & 3	1 & 2	4 & 5	Open
P24D	2 & 3	2 & 3	4 & 5	1 & 2
P24T	2 & 3	Open	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

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CPU TYPE CONFIGURATION (CON'T)					
Type	JP46	JP47	JP48	JP49	JP50
AM486DX2	Open	Closed	Open	Closed	Closed
CX486DX2-50	Closed	Open	Open	Open	Open
CX486DX2-66	Open	Open	Closed	Open	Open
CX486DX2-80	Open	Open	Open	Closed	Open
AM486DX/DX4	Open	Closed	Open	Closed	Open
80486DX4-75	Closed	Open	Open	Open	Open
80486DX4-100	Open	Closed	Open	Closed	Open

Note: Pins designated should be in the closed position. These settings used only if JP4 is open.

CPU SPEED CONFIGURATION				
Speed	JP30	JP31	JP32	JP33
25MHz	Open	Open	Open	pins 1 & 2 closed
33MHz	Open	Closed	Closed	pins 1 & 2 closed
40MHz	Open	Open	Closed	pins 2 & 3 closed
50iMHz	Open	Open	Open	pins 1 & 2 closed
50MHz	Open	Closed	Open	pins 2 & 3 closed
66iMHz	Open	Closed	Closed	pins 1 & 2 closed
75iMHz	Open	Open	Open	pins 1 & 2 closed
80iMHz	Open	Open	Closed	pins 2 & 3 closed
100iMHz	Open	Closed	Closed	pins 1 & 2 closed

CMOS DISCHARGE CONFIGURATION		
Setting	JP6	JP35
CMOS memory normal operation	pins 1 & 2 closed	pins 1 & 2 closed
CMOS memory clear	pins 2 & 3 closed	pins 2 & 3 closed